

Dr. Lyon's
PERFECT
Tooth Powder
not only cleanses, preserves and
beautifies the teeth without in-
jury, but imparts purity and fra-
grance to the breath, removing
instantly the odor of tobacco.

Robt. Cohen & Son,
1115 "G" St. N.W.
**SPRING
PUMPS
NOW ON SALE**
VELVET.
SATIN.
SUEDE.
PATENT.
DULL.
The Newest Creations
Robt. Cohen & Son
1115 G St. N.W.

Curtiss Biplanes
SOLD BY
The National Aviation Co.
(INCORPORATED)
412 Union Trust Building, Phone M. 6909

Sole agents for District of Columbia and sur-
rounding territory. Instruction given at the
National Aviation School at College Park.
See the machines on exhibition at the First
National Exposition of Aerial Craft at Exposi-
tion Building, North Capitol and M sts., March
5 to 12.

Flying Model Contest.
For valuable gold prizes at First National Ex-
position of Aerial Craft, at Exposition Building,
North Capitol and M sts., MARCH 5 TO 12.
Various classes open to amateurs.
Inquire National Aviation Company, 412 Union
Trust Building, Phone Main 6909.

**Kryptok Invisible Bifocal
Lenses at \$6.50.**

**Watch for Our Specials in
Optical Goods.**
ANY one may have the up-to-date
Sure-on Mounting at such a
price as we sell the new Ideal
Complete with best
lenses at \$1.50
Mounting, at \$1.00
PRESCRIPTION WORK IS OUR SPE-
CIALTY.
Our prices are the lowest quoted else-
where.
FRESH EYES SPECIAL \$2.50
Lenses \$1.00
HALF PRICE \$1.00
Glass Eyes \$1.00

A. Kahn, 935 F St.
Established Leadership

Cataract of the Bladder
SANTAL MIDY
Relieved in 24 Hours

TO OBSERVE ANNIVERSARY.
International Reform Bureau Six-
teen Years Old Sunday.

The International Reform Bureau, with
headquarters at 206 Pennsylvania avenue
southeast, will celebrate its sixteenth an-
niversary next Sunday. The event will be
observed with appropriate services at the
First Presbyterian Church at 11 o'clock
in the morning, and in the evening at 7:30
o'clock exercises will be held at Foundry
Methodist Church, 19th and Church
streets northwest.

Announcement is made by the International
Moral and Social Commission that
Rev. Willard Crafts and Mrs. Crafts have
pledged \$50,000 as the initial gift for a
fund for the erection of an endowment
building in this city.

ACCUSES ARMOR MAKERS.
Representative Rainey Charges Steel
Company With Plugging Blowholes.

Representative Rainey of Illinois in the
House of Representatives yesterday made
the charge, supported by affidavits, that
the Bethlehem, Pa., steel works were
guilty of various acts to deceive naval in-
spectors after the latter leave the steel
plant for the day. The charges included
the warping of the turret tracks of the
battleship Florida, changing gun mounts
and plugging blowholes on the vessel's
armor.

The affidavits were from men
who have been employees of the plant.

The South Arrives
Over the terrible financial losses due
to insects. If all the money paid in
taxes and lost in fires and business
failures were put together, it would
not begin to equal losses caused by
bugs, flies, ants, fleas, mosquitoes, not
to mention others. Insects carry dis-
ease from sick to well and from ani-
mals to humans. If all the money paid
must be done at once. The most ef-
fective remedy known is Maurer's In-
sect Powder. Harmless to mankind
and domestic animals. In use 62
years. Never fails. Boxes, 10 and
25 cents. All druggists. Insist on
Maurer's. There is no substitute.

LA FOLLETTE TAKES UP BATTLESHIP CHARGES

Resolutions Seek Information
as to Construction of Ves-
sels for Argentina.

Senator La Follette of Wisconsin to-
day took up the published charges that
the Navy Department had been letting
the Argentine Republic into the bat-
tle-ship secrets of the American gov-
ernment and has been giving material
aid in the Washington navy yard and
elsewhere, to the Argentine Republic
in the construction of two new battle-
ships for it.

Two resolutions were introduced in the
Senate by Mr. La Follette, one calling
on the Secretary of the Navy for infor-
mation answering the charges and the other
calling on the Secretary of State for any
communications on the matter, with Ar-
gentine or with other government de-
partments, regarding the construction
and armament in this country of bat-
tleships for the South American
power. He asked that the resolutions lie
on the table until tomorrow.

Rejoice Mr. Kean's Suggestion.
"In view of the nature of the infor-
mation desired," Senator La Follette
replied, "I cannot comply with that re-
quest."

The Secretary of the Navy, in one reso-
lution, is directed to transmit to the
Senate a report on the following matters:
"Copies of any and all orders which
may have been issued by the Secretary
of the Navy to his subordinates, and of
all communications received or sent by
the Navy Department pertaining to the
construction in private yards of bat-
tleships for the account of the Ar-
gentine Republic."

"What, if any, plans of guns, gun
mounts and other appliances pertaining
to the armament of battleships the pro-
prietor of the Argentine Republic or to
representatives of any shipbuilding com-
pany?"

"What, if any, work has been done on
the navy yard at Washington or else-
where by any officials or employees of the
Navy Department, civilians or otherwise,
to aid in the construction and armament
of the two battleships being built in this
country for the Argentine Republic?"

"If any such plans have been dis-
covered, or if such work has been per-
formed by employees of the Navy Depart-
ment, by whom authority has such action
been taken and such work performed?"

Called on Secretary of State.
In the other resolution the Secretary of
State is directed "to furnish the Senate
with copies of any written communica-
tions and report upon any verbal com-
munications which may have passed be-
tween the State Department and any
other department of the government of the
United States, or between the State
Department and any department or repre-
sentative of the Argentine Republic, or
any other communications, written or
verbal, which may have been issued or
received by the State Department, pertain-
ing to the construction and armament
in this country of two battleships for the
Argentine Republic."

DEEP INTEREST AROUSED
BY SYLVIA PANKHURST

Young English Suffragette
Lectures in Columbia Thea-
ter Before Big Audience.

Sylvia Pankhurst, the English suffra-
gette, lectured at the Columbia Theater
this morning before a capacity audience.
Despite George Washington's official claim
to the day, the stage was decorated with
flags, the largest showing five stars to
designate the states in which woman's
suffrage has been achieved. Miss H. J.
Hilton made a short opening address,
and was followed by Frederick Siddons,
who introduced the lecturer.

Miss Pankhurst, girlishly slender, in a
picturesque gown of gray velvet and with
her brown hair parted simply and drawn
back in a graceful knot, spoke in a
clear, vibrant voice, and was frequently
interrupted by applause.

English Movement Reviewed.
In her description of the new struggle
for liberty she reviewed the militant
suffragette movement in England; its past
sufferings, its present accomplishments
and its hopes for the near future. Seated
on the stage were a number of men and
women prominently identified either ac-
tively or in sympathy with the woman
suffrage movement. Among them were
Mrs. Champ Clark, Mrs. Belva Lock-
wood, Dr. and Mrs. Tindall, Miss Le-
land, Mrs. M. Grogory, Mrs. Leavitt,
Miss Mabel Foster, Mr. and Mrs. Pank-
hurst, Mrs. Craigie and Mrs. Carrie A. Kent.

Police Stirred Up by Chalked Walks.
Sylvia Pankhurst's name was written
on sidewalks in the business section of
the city last night, the police say, in vi-
olation of the law. Report was made to
the police of the first precinct about 10
o'clock that the sidewalks were being
chalked with the name of the suffragette,
and the announcement that she would
speak today.

"The police are marking the pave-
ment," was the message received by the
police, and Capt. Hollnberger and Lieut.
Spink promptly started a search.

"Find the women and arrest them,"
was the order of Capt. Hollnberger to his
men. "They have no more right to
violate the law than others, and I want
action."

Capt. Hollnberger's order was promptly
obeyed, policemen being sent in all di-
rections. Here and there they saw the
chalk marks, but the suffragettes had
long a start on them, they were not
overtaken.

Maj. Sylvester also took a hand in the
pursuit, directing that arrests of the vi-
olators of law be made, if found, but no
arrests were recorded.

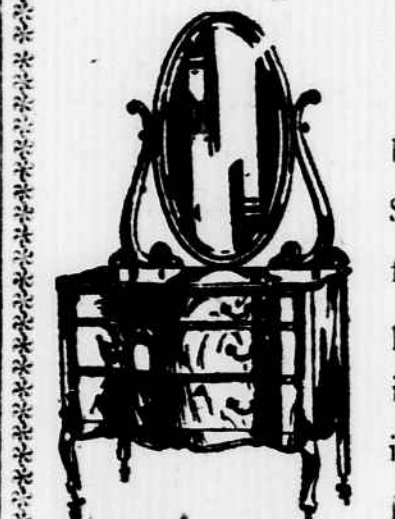
New Marriages in the Bronx.
NEW YORK, February 22—So small
has been the demand for marriage li-
censes in the borough of the Bronx, which
of itself has a population of half a mil-
lion, that it has been decided to close per-
manently that branch of the New York
bureau of marriage licenses. The appli-
cations for licenses in the Bronx, not-
withstanding that it is largely a real-
estate center, have averaged only one
day in comparison with about 100 a
day at city hall in Manhattan.

Support Law Against Standees.
NEW YORK, February 22—By a vote
of 21 to 11 the board of aldermen have
refused to pass an ordinance allowing
standing room in theaters. The law
against standees was only recently en-
forced by the fire authorities and the-
atrical interests sought the passage of a
new ordinance legalizing the practice
within certain limits.

The Palais Royal Remnant Day.

Thursday Here. Learn of Tomorrow's Bargains.

A scratch might be acquired in your own home the very day a new piece of furniture was placed there, and it would be looked upon as nothing. Let such a scratch occur here, and that piece of furniture is condemned. It here means dollars taken off the price. With a fourth floor 100x140 feet, filled with furniture, there is hardly a week passes without some such misfortune happen-
ing. Thursday's the day such pieces are disposed of. Nine victims are counted for sacrifice tomorrow.

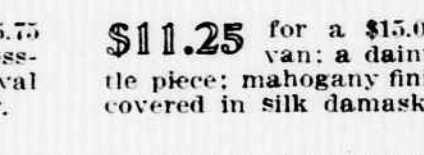


\$18.50 For This \$24.50 Mahogany Dresser.

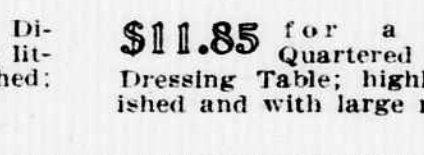
Please understand that a Palais Royal \$24.50 Dresser—real mahogany—is the credit store's \$30.00 Dresser. Here tomorrow at \$18.50. The Bird's-eye Maple Dressing Table reduced to \$16.50 from \$22.50 means more than \$6.00 saved—if a credit valuation is put upon it. The insignificant picture of the really imposing buffet is apt to do harm. Please see this piece—and note that the price is reduced to \$16.85 from \$29.00. The Chiffonier reduced to \$16.85 from \$26.50 is real mahogany and extra value at the regular price.



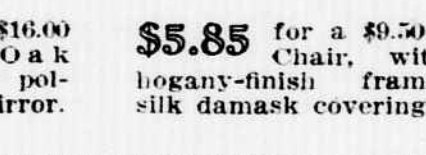
\$10.85 for a \$15.75 Princess Dresser, golden oak with oval French plate glass mirror.
Worth up to \$30.



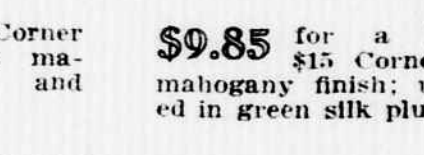
\$11.25 for a \$15.00 Dining Table, a dainty little piece in mahogany covered in silk damask.
Worth up to \$30.



\$11.85 for a \$16.00 Dressing Table, quartered oak with large mirror.
Worth up to \$30.



\$5.85 for a \$9.50 Corner Chair, with mahogany finish, upholstered in green silk plush.
Worth up to \$30.



\$9.85 for a Beautiful 15x15 Corner Chair, mahogany finish, upholstered in green silk plush.
Worth up to \$30.

The Time to Invest in Rugs.

\$7.50 Brussels Rugs, Superior Seamless Rugs, size 7x9x10 feet, at \$7.50 instead of \$12.00. Size 8x10 feet 6 inches, at \$10.50 instead of \$16.50. Size 9x12 feet, at \$11.85 instead of \$18.00. Only one of a pattern, but all are best patterns.
\$17.00 for a \$24 Velvet Rug, size 9x12 feet.
\$17.85 for a \$23.00 Axminster Rug, size 9x12 feet.

The Basement Floor Housekeeping Goods List.

Blue and Gray Enamel Saucepans, large size; Tea Kettles, slightly shorn; some without covers. **20c**
Blue Enamel Saucepans, medium and small sizes. Worth up to **15c**
Glass Sauce Dishes, fancy shapes. Were 6c each. **2c**
Austrian China Dinner Set of 100 pieces; artistically decorated; minus few pieces. Were \$12.98. **\$9.98**
English China Dinner Set of 100 pieces, blue decorations; good shape; minus few pieces. **\$8.75**
2 Solid Leather Suit Cases, 24-inch size; shorn. Were \$3.48. **\$3.48**
Leather Club Bag, 19-inch size; shorn. Were \$5.48. **\$3.48**
Tin Oval Dish Pans, large size. Were 25c. **15c**

Fancy Waste Paper Baskets.

Decorated Salad Bowls, 2 sizes. Worth up to 35c. **10c**
Decorated Meat Platters from broken sets. Worth up to 85c. **45c**
4 Medicine Chests, strongly made with 2 shelves; slightly shorn. Were \$1.25. **89c**
3 Rattan Suit Cases, 24-inch size; shorn. Were \$5.98. **\$3.48**
2 Solid Leather Suit Cases, 24-inch size; shorn. **\$3.48**
Leather Club Bag, 19-inch size; shorn. Were \$5.48. **\$3.48**
Tin Oval Dish Pans, large size. Were 25c. **15c**

The Palais Royal

A. Lisner

HAITIAN TROOPS RIOT, SLAYING EACH OTHER

Having Disposed of All of the Rebels, Gen. Simon's Soldiers Fight Among Themselves.

CAPE HAITIEN, Haiti, February 22.—Having disposed of all the rebels in sight, the government troops here fell upon one another yesterday, and during the fighting one soldier was killed and ten others were wounded. The timely arrival of Gen. Jean Gilles put an end to the rioting. President Simon went on foot to the scene of the conflict and something approaching discipline was restored.

The national guard has been put out of the service.

These soldiers became unmanageable at the time of the attack upon the rebels at Ouanaminth and slaughtered and pillaged the city. When they returned here they were given liberty. Soon afterward the regiment recruited from Gonaves encountered the regiment from Jeremie and the shooting began.

More serious results appeared imminent when Gen. Gilles intervened. His council of war is being held to determine what shall be done with the rebel prisoners.

GAS WORKS CRIPPLED.

Explosion in Purifier House in Danville Wrecks the Building.

DANVILLE, Va., February 22.—At midnight an explosion occurred in the gas purifier house of the Danville municipal gas plant, wrecking that two-story brick structure and putting the plant out of commission. Foreman J. W. Durham, who with a negro employee had entered the purifier house to investigate a leak indicated by the gas holder, had hardly entered when the explosion occurred, seriously though not fatally injuring him and less seriously injuring George Glenn, the negro. The dull, heavy explosion shattered much of the masonry and that in the American Tobacco Company factory two blocks away and even in the Richmond Hardware Company's store, three blocks distant.

The fire department extinguished the fire in half an hour or more, with an estimated loss of \$12,000.

A majority of residents are equipped with gas stoves, and the plant is in operation for purposes, and these are left in darkness and with no facilities for cooking. It is hoped that the plant in operation by the city, though this is not positively assured.

FORTIFICATIONS BILL UP.

Measure Reported in House by Representative W. I. Smith.

The fortifications bill, carrying \$5,300,000 for the improvement and completion of coast defense works in the United States and the smaller possessions, was taken up by the House today.

The bill was reported by Representative Walter I. Smith of Iowa. Mr. Smith stated that no provision for the fortification of the Panama canal was carried in the bill. That item, the amount of which he did not know, would be presented to the House in the sundry civil bill carrying the general canal appropriations.

Rewards for Train Bandits.

GAINESVILLE, Ga., February 22.—Rewards aggregating \$1,400 for the capture of the bandits who held up and robbed the Southern fast mail train at White Sulphur Springs last Saturday have been posted about the city, but all efforts to get any trace of the bandits have been fruitless.

AFTER MR. HUGHES' PLACE.

Several Candidates for Assistant Superintendent of Schools.

Close on the heels of the announcement yesterday that Percy M. Hughes had resigned as assistant superintendent of public schools, supporters of candidates for the position, which will be vacated March 1, began to advance the claims of aspirants.

According to the rules of the board of education, Sup. of Schools Alexander T. Stuart must recommend a successor to Mr. Hughes. The board will then ratify the nomination.

The most likely candidates for the position, according to the school authorities, are the principals of the white high schools, the director of intermediate instruction and the supervising principal of the several divisions of white schools. The men occupying these positions are, as a whole, considered as having the executive ability which is needed by the man filling the position of assistant superintendent. But other characteristics are also essential. It is asserted, so Sup. Stuart will carefully weigh the qualifications of each candidate before making a recommendation to the board of education.

FOR ANOTHER PARK.

Amendment by Senator Dick Provides \$200,000 for Property.

The establishment of another public park in the National Capital, to be located between Rhode Island avenue, 2d street, Todd place and Lincoln avenue northeast, was proposed in an amendment to the sundry civil appropriation bill presented today by Senator Dick of Ohio.

The amendment gives authority to the Commissioners to buy the land within the limits named, except lot 802, in square 3525, and appropriate \$200,000 for the purchase.

FOUR DEAD, ONE DYING.

Wood Alcohol Used as Beverage at Family Reunion.

MONTICELLO, N. Y., February 22.—Four persons are dead and one is dying today as the result of drinking wood alcohol by mistake yesterday at Horton, Sullivan county.

The dead are James Kelly, aged fifty-six; Thomas Kelly, thirty-eight; Mrs. Thomas Kelly, thirty-four, and Thomas Harvey, forty.

The beverage was purchased at Parkville Monday, it was learned, and partaken of freely by all of the party of five at a family reunion at Horton yesterday. When neighbors discovered them in their isolated quarters, two miles from the nearest house, the four were dead and Mrs. Harvey was dying. The bottle and what was left of its contents showed the liquid to be wood alcohol, flavored with peppermint.

Dr. Sullivan of Liberty held a coroner's inquest and pronounced death to be due to menthol alcohol poisoning.

STORMY SCENES IN THEATER.

Rowdy Enemies Interrupt Performance of Bernstein's Play.

PARIS, February 22.—Stormy scenes occurred last evening at the second performance of "Apres Moi," by Henry Bernstein, author of "The Thief." Rowdy elements organized to interrupt the performance to production of a play by a Hebrew against whom they have made various allegations were posted in different parts of the house and kept up incessant interruptions. They resisted ejection from the theater and, after the Bernstein's brother received a black eye during the course of an altercation, eighteen of the disturbers were arrested.

ROMAN ROTA TO SETTLE MATRIMONIAL TANGLE

Mrs. Clarence Postley Refers Children's Cases to Church High Court.

Special Catechism to the Rota.

PARIS, February 21.—News reached the Paris friends of the Postley-Curran families that that indefatigable campaigner, Mrs. Clarence Postley of New York, has carried the matrimonial tangle of her children to the Vatican's high and mighty court of matrimonial cases, to win the Roman Rota.

Mrs. Postley has two children, a son, Stirling, who married Miss Elizabeth Cook of San Francisco, and a daughter, who married Ross Ambler Curran of New York. Mrs. Rose Ambler Curran divorced her husband last November and Mrs. Stirling Postley followed suit by divorcing her husband last December.

Situation Becomes Complicated.

Then Mrs. Rose Ambler Curran's sister-in-law, Mrs. Guernsey Curran, fell into the procession by divorcing her husband somewhere in Long Island about the first of the year, and that chapter received especial interest from the intimation that Mrs. Rose Ambler Curran was going to marry her ex-brother-in-law, Guernsey Curran.

So that, as may be seen, it is quite a many-threaded tangle that Mrs. Clarence Postley will have to bring before the Rota to straighten out. It is understood that Mrs. Postley is proceeding on the advice of the pastor of San Silvestro's church, of which she is a benefactress. She has every hope that the Catholic Church will decide her daughter Elizabeth's marriage null and void, as it took place at the Church of Heavenly Rest in New York. But the case of the decision of the Rota and the services of Holy Week. The Rota is a congregation exclusively for matrimonial cases, and since its revival by Pius X it has decided many American cases such as those of the Princess Ruspoli, the Princess de Chimay and the Castellane trouble.

Interest Grows Apace in Our Short Story Contest.

Already stories by candidates representing the United States, Japan and England have been published. Our next Sunday Magazine will contain two more entries by widely popular American writers, while on the following Sunday there will be a story by a well known Anglo-Indian author, Michael Wells.

"THE QUAKER," BY ROY NORTON.

Is one of the prize entries for next Sunday. The middle west of a generation ago is the scene, and it is a tale of strong men moved by strong passions. Those who know Roy Norton's style need not be told that he is at his best in telling such a story.

"Aaron Westcott's Funeral," BY VIOLA ROSEBORO.

Will appear in the same number, being the seventh entry in the contest. A story of the life and death of a gentle man in a "predatory jungle" of modern civilization. Fine sentiment and cleverness of style combine to make this a story that will make a wide appeal.

Arthur Conan Doyle to Enter Other Stories.

Two more stories, both of modern life, have been promised for the contest by next Sunday. The date of their publication has not been set, but a strong story by this author, a gentle man in a "predatory jungle" of modern civilization. Fine sentiment and cleverness of style combine to make this a story that will make a wide appeal.

SEE THE NEXT SUNDAY MAGAZINE OF THE SUNDAY STAR

for the Norton and Roseboro stories.

Special Dispensation Required.

Mrs. Postley has been informed that a special dispensation will be required before her daughter can marry Guernsey Curran. The latter being her former husband's brother, there exists the impediment of affinity.

Mrs. Clarence Postley and Mrs. Curran are in Florence, but will go to Rome for the decision of the Rota and the services of Holy Week. The Rota is a congregation exclusively for matrimonial cases, and since its revival by Pius X it has decided many American cases such as those of the Princess Ruspoli, the Princess de Chimay and the Castellane trouble.

Mrs. Stiners Wants Divorce.

Mrs. Henry A. Stiners, a granddaughter of ex-Gov. Sprague of Rhode Island, has written and cabled to her Providence lawyer to go ahead with her divorce from the young man she married four years ago.

Mrs. Stiners was Miss Elizabeth Sprague before her marriage, and is the daughter of William Sprague, Jr., whose tragic death near Tacoma called forth much sympathy for his father, the venerable governor, and his mother, the late Kate Chase Sprague. The mother of Mrs. Stiners was Miss Weed of Wilmington, who married Col. Wheaton of Cleveland after the death of young Sprague, and who is at present the wife of Wendell Sprague, a multi-millionaire of Porto Rican birth. Mrs. Stiners is the son of the former chief justice of Rhode Island.

The young couple eloped from her grandfather's mansion at Canochet, Narragansett Pier, four years ago. When leaving America, Mrs. Stiners was the daughter of Canochet had been burned, Mrs. Stiners promised her husband not to seek a divorce for one year.

Mrs. Stiners will not long be a divorcee, for the elite of France are already laying plans to capture her. She is as beautiful as she is beautiful, and speaks French with Tours accent. Mrs. Stiners was educated in Paris.

INTERMENT OF COL. BONE IN ARLINGTON CEMETERY

Sudden Death of Prominent Union Veteran Caused by Heart Disease.

Funeral services for Col. Wallace G. Bone, a veteran of the civil war and for many years an employee of the Treasury, who dropped dead last yesterday afternoon in front of the White House while on his way from the Treasury Department to his apartment in the Maury, 19th and G streets northwest, will be held at Gawler's chapel, 1730 Pennsylvania avenue northwest, Friday afternoon at 2 o'clock. The interment will be in Arlington national cemetery, in conformity

with the oft-expressed wish of the deceased.

Sufferer From Heart Trouble.

Col. Bone had suffered from heart trouble for a number of years, but neither he nor his friends had warning of his sudden end. He left his office health and in apparently in his usual health and in good spirits. When in front of the White House he met an old friend and in response to an inquiry about his health remarked that he never felt better in his life. Almost immediately thereafter he staggered and fell prone to the sidewalk. He was removed quickly to the Emergency Hospital, where a certificate of death due to natural causes was issued and the body was later prepared for burial.

Col. Bone was seventy-two years of age and was a number of years one of the best known clerks in the Treasury Department, having been an examiner of signatures and indorsements on checks in the cashroom. He lived alone in the Maury, in this city. His wife died about three years ago. He is survived by one son, R. W. Bone, who formerly resided here, and was connected with the local

COLLIERIES, Ohio, February 22.—President Tom L. Lewis of the United Mine Workers of America and other officers are here today to make another attempt to settle the strike in the Tuscarawas field. The operators of the field and district mine workers met with Mr. Lewis. Among the operators at the conference was C. L. Cunningham and Frank here, and was connected with the local

\$1 Waisifs, 59c
Broken lots; garments used
in show windows; those tossed
and tumbled during "a rush."
Some were more than \$1.00.

\$10 Cloth Suits \$15
Some Were \$35.00
\$6.00 Skirts for \$3.50
\$3.00 Waisifs for \$1.60

If it weren't for a matter of principle the Suits would be "carried over." Not pronounced in styles, of the conservative types always worn, they are always worth their regular prices, \$20.00 to \$35.00. Reduced to \$10.00 and \$15.00—because of the Palais Royal principle never to carry over garments from one season to another.

So with the Black and Navy Panama Cloth Skirts, reduced to \$3.50 from \$6.00. So with the Black Mohair and Black Nun's Veiling Waisifs, reduced to \$1.60 from \$3.00.

School Dresses, of attractive and wear-resisting mixtures, sizes 4 to 14 years, values to \$2.25, at 79c for choice. Coats, cloth, caracul and plush, values to \$6.00, at \$1.98 for choice.

Remnants of Laces and Veilings.

A very busy week in these departments results in many pieces with short ends.